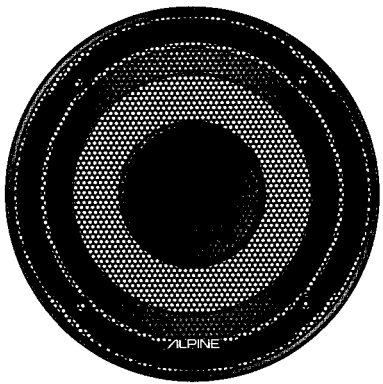
OWNER'S MANUAL



6180

6102

8" (6180)
10" (6102)
SUBWOOFER
SPEAKER
SYSTEM

6180/6102

■ SPECIFICATIONS

6180

- Type ..... Subwoofer
- Speaker Units ..... 20 cm Cone Type
- Power Handling (Max. Music) 200W
- Power Handling (Maximum) 150W
- Power Handling (Nominal) 100W
- Frequency Response (10 dB down) ..... 30 — 6 kHz
- Impedance ..... 4 ohms
- Woofer Magnet Weight ..... 30 oz
- Weight (One Speaker) ..... 2.85 kg (6 Lbs 5oz)
- Gross Weight ..... 6.6 kg (14 Lbs 9 oz)

6102

- Type ..... Subwoofer
- Speaker Units ..... 25 cm Cone Type
- Power Handling (Max. Music) 250W
- Power Handling (Maximum) 200W
- Power Handling (Nominal) 150W
- Frequency Response (10 dB down) ..... 25 — 6 kHz
- Impedance ..... 4 ohms
- Woofer Magnet Weight ..... 25 oz
- Weight (One Speaker) ..... 2.65 kg (5 Lbs 14 oz)
- Gross Weiht ..... 6.2 kg (13 Lbs 11 oz)

* Due to continuing product improvement, specifications and design are subject to change without notice.

■ ANGABEN

6180

- Typ ..... Subwoofer
- Lautsprecher-Einheiten ..... 20 cm Durchmesser
- Maximale Ausgangsleistung (Musik leistung) ..... W
- Maximale Eingangsbelastung ..... W
- Sinusleistung 100W
- Frequenzgang ..... 30 — 6 kHz
- Impedanz ..... 4 ohms
- Tieftöner-Magnetgewicht ..... 30 oz
- Gewicht eines Lautsprechers ..... 2.85 kg
- Bruttogewicht ..... 6.6 kg

6102

- Typ ..... Subwoofer
- Lautsprecher-Einheiten ..... 25 cm Durchmesser
- Maximale Ausgangsleistung (Musik leistung) 250W
- Maximale Eingangsbelastung 200W
- Sinusleistung 150W
- Frequenzgang ..... 25 — 6 kHz
- Impedanz ..... 4 ohms
- Tieftöner-Magnetgewicht ..... 25 oz
- Gewicht eines Lautsprechers ..... 2. kg
- Bruttogewicht ..... 6. kg

* Technische Änderungen vorbehalten.

■ SPECIFICATIONS

6180

- Type ..... Subwoofer
- Unités enceinte
  Transducteur basses fréquences ..... Type cône 20 cm
- Puissance admissible (puiss. musicale max.) 200W
- Entrée max. de puissance 150W
- Entrée de puissance nominale 100W
- Réponse en fréquence ..... 30 — 6 kHz
- Impédance ..... 4 ohms
- Poids de l'aimant du transducteur
  basses fréquences ..... 30 oz
- Poids (1 haut-parleur) ..... 2.85 kg
- Poids brut ..... 6.6 kg

6102

- Type ..... Subwoofer
- Unités enceinte
  Transducteur basses fréquences ..... Type cône 25 cm
- Puissance admissible (puiss. musicale max.) 250W
- Entrée max. de puissance 200W
- Entrée de puissance nominale 150W
- Réponse en fréquence ..... 25 — 6 kHz
- Impédance ..... 4 ohms
- Poids de l'aimant du transducteur
  besses fréquences ..... 25 oz
- Poids (1 haut-parleur) ..... 2.65 kg
- Poids brut ..... 6.2 kg

* Du fait de l'amélioration constante du produit, les spécifications et la conneption sont sujettes à des modifications sans préavis.

■ CARATTERISTICHE TECNICHE

6180

- Tipo ..... Subwoofer
- Altoparlanti ..... a cono da 20 cm
- Potenza massima (volume di uscita) 200W
- Potenza mass. d'ingresso 150W
- Potenza nominale d'ingresso 100W
- Risposta in frequenza ..... 30 — 6 kHz
- Impedanza ..... 4 ohms
- Peso del woofer ..... 30 oz
- Peso (singolo diffusore) ..... 2.85 kg
- Peso lordo ..... 6.6 kg

6102

- Tipo ..... Subwoofer
- Altoparlanti ..... a cono da 25 cm
- Potenza massima (volume di uscita) 250W
- Potenza mass. d'ingresso 200W
- Potenza nominale d'ingresso 150W
- Risposta in frequenza ..... 25 — 6 kHz
- Impedanza ..... 4 ohms
- Peso del woofer ..... 25 oz
- Peso (singolo diffusore) ..... 2.65 kg
- Peso lordo ..... 6.2 kg

* Dovuto al continuo apporto di migliori ai nostri prodotti, le caratteristiche tecniche ed il design sono sogetti a cambiamenti senza preavviso.

● INSTALLATION ● EINBAU ● INSTALLATION ● INSTALLAZIONE

● 6180

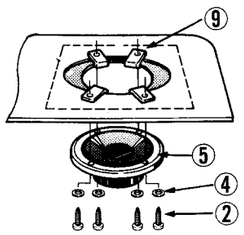


Fig.1/Abb.1

● 6180

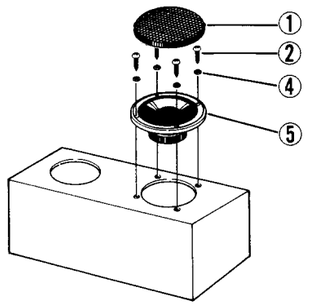


Fig.2/Abb.2

● 6102

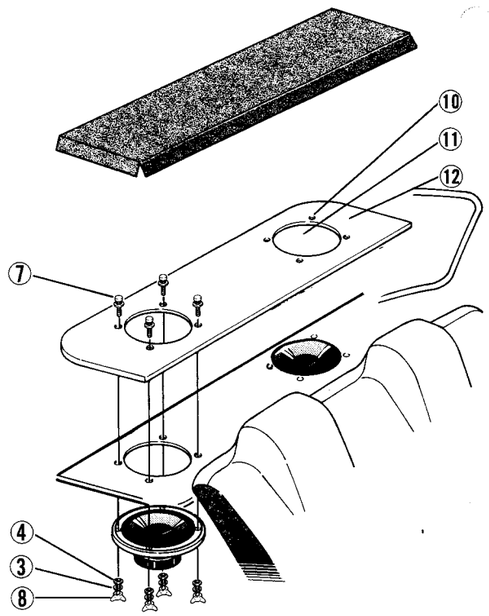


Fig.5/Abb.5

● 6102

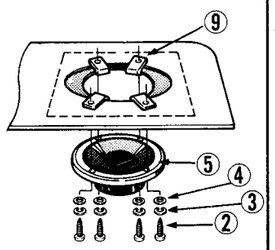


Fig.3/Abb.3

● 6102

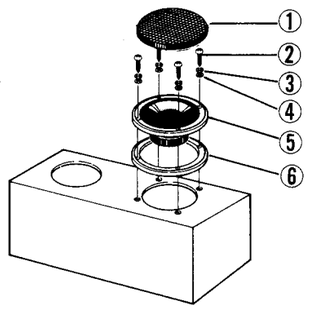
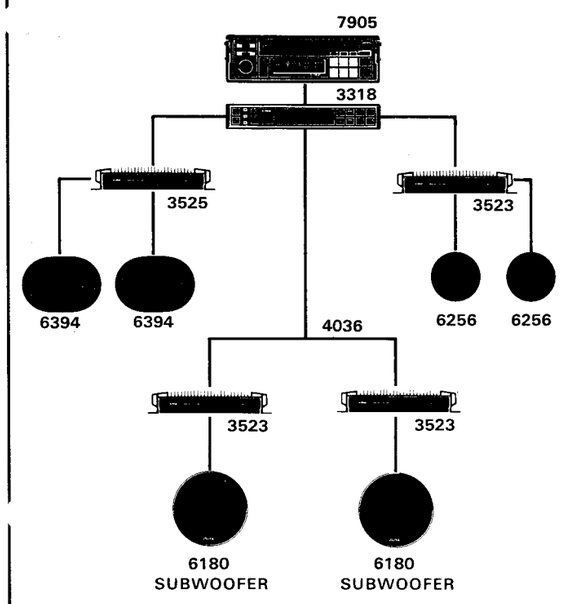


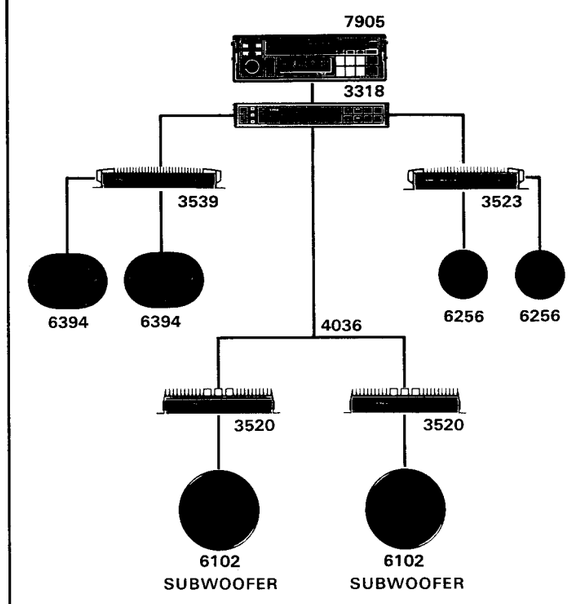
Fig.4/Abb.4

● TYPICAL CONNECTION DIAGRAM ● TYPISCHES ANSCHLUßDIAGRAMM ● SCHEMA TYPIQUE DE CONNEXION ● SCHEMA DI COLLEGAMENTO TIPICO

● 6180



● 6102



● INSTALLATION INSTRUCTIONS

Thank you for purchasing ALPINE Car Speaker. This speaker system has been designed specially for use in Car Audio Systems. Properly installed they will give many hours of listening pleasure.
Be careful to keep all dirt, metal cuttings and other debris away from the speaker during installation.

● INSTALLATION PROCEDURES

Install speaker according to Fig. 1, Fig. 2. Fig. 3, Fig. 4, Fig. 5.

①	Metal Net	⑨	Clip Nut
②	Self Tapping Screw	⑩	4mm (5/32") DIA.
③	Spring Washer (6102)	⑪	6180 · Speaker Holes 183mm (7-3/16") DIA. 6102 · Speaker Holes 231mm (9-1/16") DIA.
④	Flat Washer		
⑤	Speaker		
⑥	Ring Grille (6102)		
⑦	Machine Screw (6102)	⑫	Rear Deck Material
⑧	Wing Nut (6102)		

● EINBAUANLEITUNG

Vielen Dank für den Kauf der ALPINE Kfz-Lautsprecher. Dieses Lautsprecher-System ist speziell auf die Verwendung in Kfz-musik-anlagen zugeschnitten. Korrekt eingebaut, wird es Ihnen viele Stunden von ungetrübten Musikgenuß schenken. Bringen Sie die Lautsprecher beim Einbau nicht mit Schmut ›- tallschnipseln und anderen Abfall in Berührung.

● EINBAUVORGANG

Die Lautsprecher, wie in Abb. 1, Abb. 2. Abb. 3, Abb. 4, Abb. 5.

①	Ziergitter	⑨	Schraubklemmen
②	Blechshrauben	⑩	4mm Durchmesser
③	Federring (6102)	⑪	6180 · Sprecher-Einbauloch 183mm Durchmesser 6102 · Sprecher-Einbauloch 231mm Durchmesser
④	Unterlegscheibe		
⑤	Lautsprecher		
⑥	Gril (6102)		
⑦	Maschinenschrauben (6102)	⑫	Rückablagematerial
⑧	Flügelmutter (6102)		

● INSTRUCTIONS D'INSTALLATION

Le système haut-parleur ALPINE a été concu spécialement pour une utilisation avec des systèmes auto-audio. Une installation correcte vous donnera des nombreuses heures de plaisir d'écoute. Prendre des précautions afin qu'au- › saleté, débris métalliques et autres ne pénètrent dans le système pendant l'installation.

● METHODE D'INSTALLATION

Installer les haut-parleurs conformément à la Fig. 1, Fig. 2. Fig. 3, Fig. 4, Fig. 5.

①	Grille	⑨	Ecrou de serrage
②	Vis taraudée	⑩	4mm Dia.
③	Rondelle grower (6102)	⑪	6180 · Trous de haut-parleur 183mm Dia. 6102 · Trous de haut-parleur 231mm Dia.
④	Rondelle plate		
⑤	Haut-parleur		
⑥	Adaptateur (6102)		
⑦	Vis machinée (6102) Ecrou á ailettes (6102)	⑫	Matériau de la plage arriére

● INSTRUZIONI DI INSTALLAZIONE

La ringraziamo per aver acquistato il sistema di diffusori ALPINE per auto. Questo sistema è stato progettato appositamente per l'uso con unità stereo per auto. Installati accuratamente, Vi offriranno molte ore di piavevole ascolto. Prima di effettuare l'installazione assicurarsi che l'area di lavoro sia pulita e che non vi siano resti di particelle metalliche o altre impurità.

● MODALITA DI INSTALLAZIONE

Installare gli altoparlanti seguendo le instruzioni descritte nella Fig. 1, Fig. 2. Fig. 3, Fig. 4, Fig. 5.

①	Griglia	⑨	Dodi di fissaggio
②	Viti auto-avvitanti	⑩	Diametro di 4mm
③	Placa de acero (6102)	⑪	6180 · Fori dei diffusori con diametro da 183mm 6102 · Fori dei diffusori con diametro da 231mm
④	Rondelle piatta		
⑤	Diffusore		
⑥	Griglia (6102)		
⑦	Tornillos de máquina		
⑧	Dado ad alette (6102)	⑫	Materiale per il montaggio su lunotto

■ CONTENTS

Q'ty	Item
2	Speaker
2	Grille (6102)
2	Metal Net
8	Machine Screw (M4 x 60)(6102)
8	Flat Washer
8	Spring Washer (6102)
8	Wing Nut (6102)
8	Tapping Screw (M4 x 30)
8	M4 Speed Nut ("U" clip)

■ INHALT

Quantität	Bauteil
2	Lautsprecher
2	Gril (6102)
2	Ziergitter
8	Maschinenschrauben (M4 x 60)(6102)
8	Unterlegscheibe
8	Federring (6102)
8	Flügelmutter (6102)
8	Blechschrauben (M4 x 30)
8	Schraubklemmen

■ CONTENU

Q'té	Elément
2	Haut-parleur
2	Adaptateur (6102)
2	Grille
8	Vis machinée (M4 x 60)(6102)
8	Rondelle plate
8	Rondelle grower (6102)
8	Ecrou à ailettes (6102)
8	Vis taraudée (M4 x 30)
8	Ecrou de serrage

■ CONTENUTO

Quantità	Particolare
2	Diffusore
2	Griglia (6102)
2	Griglia
8	Tornillos de màquina (M4 x 60)(6102)
8	Rondelle piatta
8	Placa de acero (6102)
8	Dado ad alette (6102)
8	Viti auto-avvitanti (M4 x 30)
8	dadi di fissaggio

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